

# California OES Weather Threat Briefing

Sunday, July 11, 2021  
9:00 AM PDT

**Day 1 (Sunday):** Dangerously hot temperatures will continue across much of the state today, with high to very high heat risk impacts expected.

National Weather Service  
Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT



# WEATHER KEY POINTS

07/11/21 - 07/17/21

## Sunday-Saturday

- Hot temperatures continue for much of interior and southern California, with **high to very high heat risk** impacts through Monday
  - High temperatures across much of the Central Valley and interior southern California will range from upper 90s to around 115 through Monday, with areas into the 120s in the southern deserts and near 130F at Death Valley.
  - Excessively warm overnight temperatures are also expected through Monday. **Overnight low temperatures will range from 15-25 degrees above normal for early-to-mid July.**
  - **Many locations will approach or break daily records throughout the event, both for daytime high temperatures and high overnight low temperatures.**
  - **Compared to recent significant heat waves this year, the high temperatures will be slightly warmer than recent events, and the overnight lows will be several degrees warmer than previous events.**
  - Slightly cooler but still above normal temperatures expected for the middle of this week.
- Breezy conditions each afternoon will persist in the foothills and mountains, bringing periods of elevated fire weather conditions
- Isolated thunderstorms are possible across southern California mountains and across the Sierra, with the best chance Monday and Tuesday. Precipitation amounts are not expected to be significant, with lightning and erratic gusty winds the main threat.
  - Northern, coastal and most southern California locations will remain dry throughout the week



# CALIFORNIA WEATHER IMPACTS

07/11/21 - 07/17/21

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
<b>Non-Thunderstorm Damaging Winds</b>							
<b>Snow</b>							
<b>Coastal Flooding</b>							
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Southern	Southern	Southern
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)	All	All	All	All	All	All	All
<b>Heat Risk</b>	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>							
<b>Cold</b>							



No Impacts



Minimal Impacts



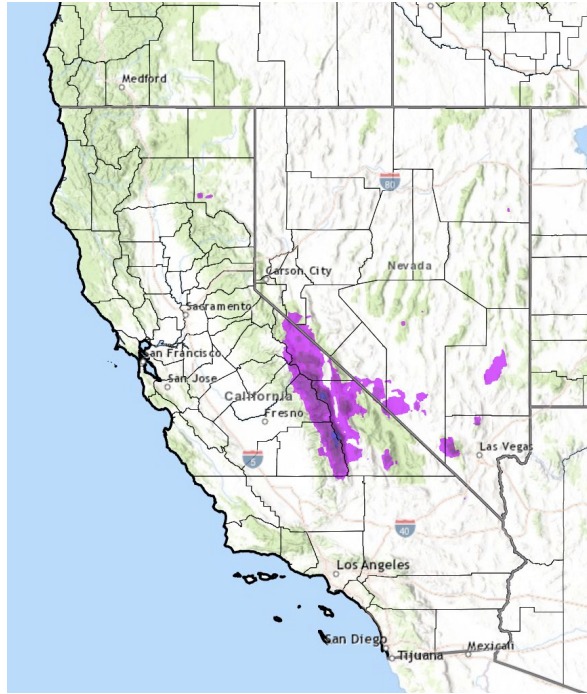
Moderate Impacts



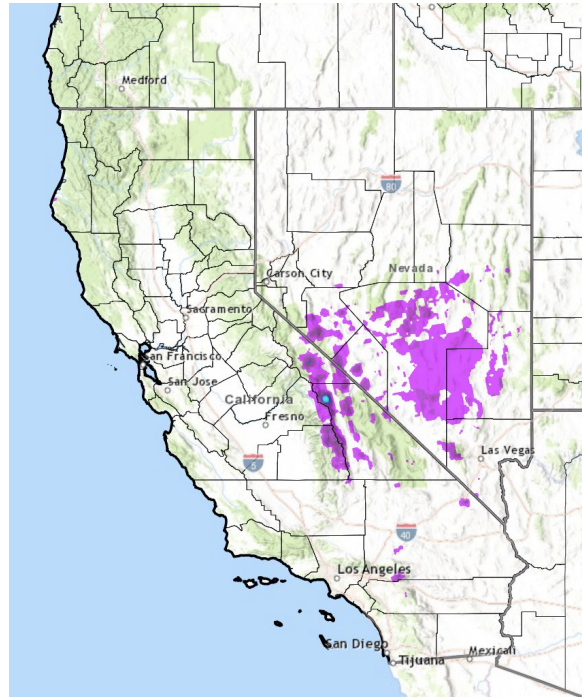
Severe Impacts

# PRECIPITATION FORECAST

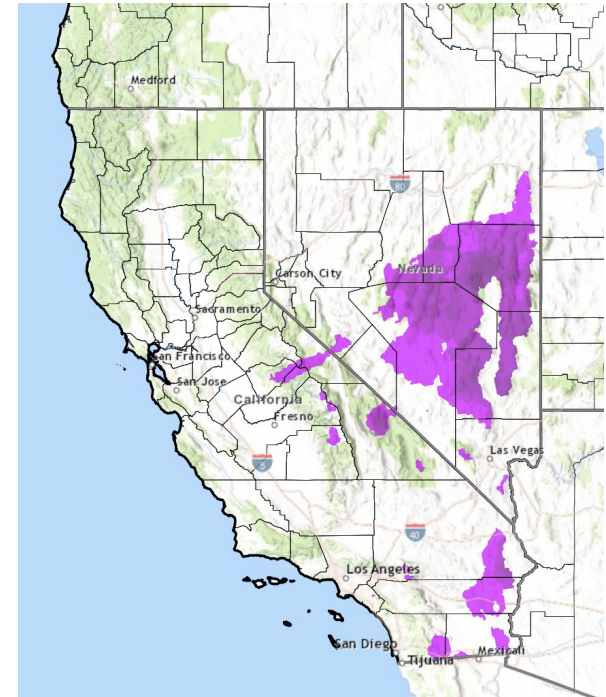
07/11/21 - 07/13/21



**Sunday**



**Monday**



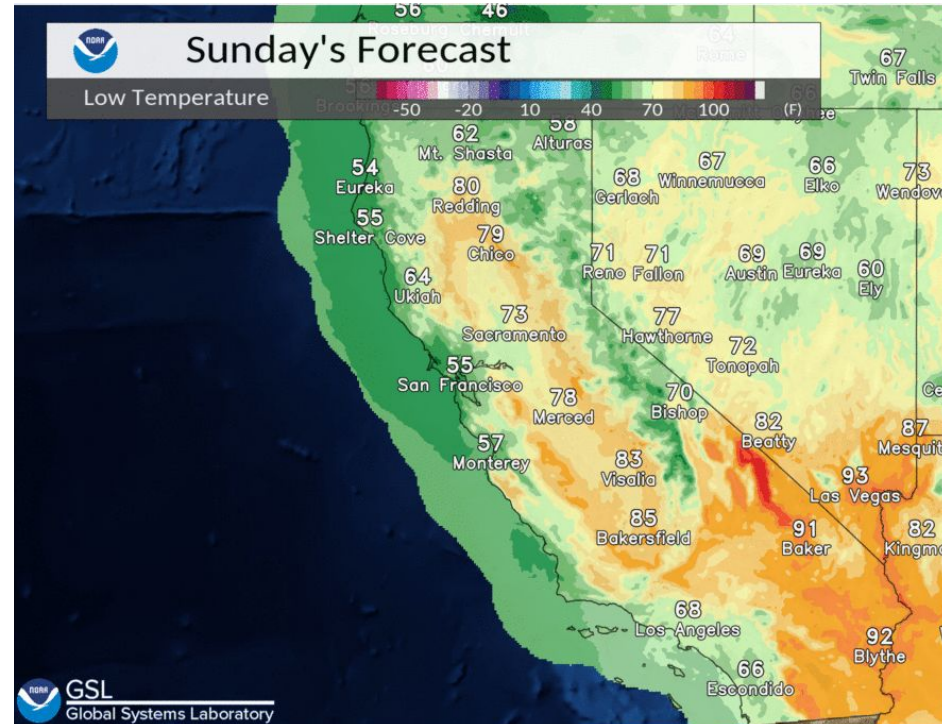
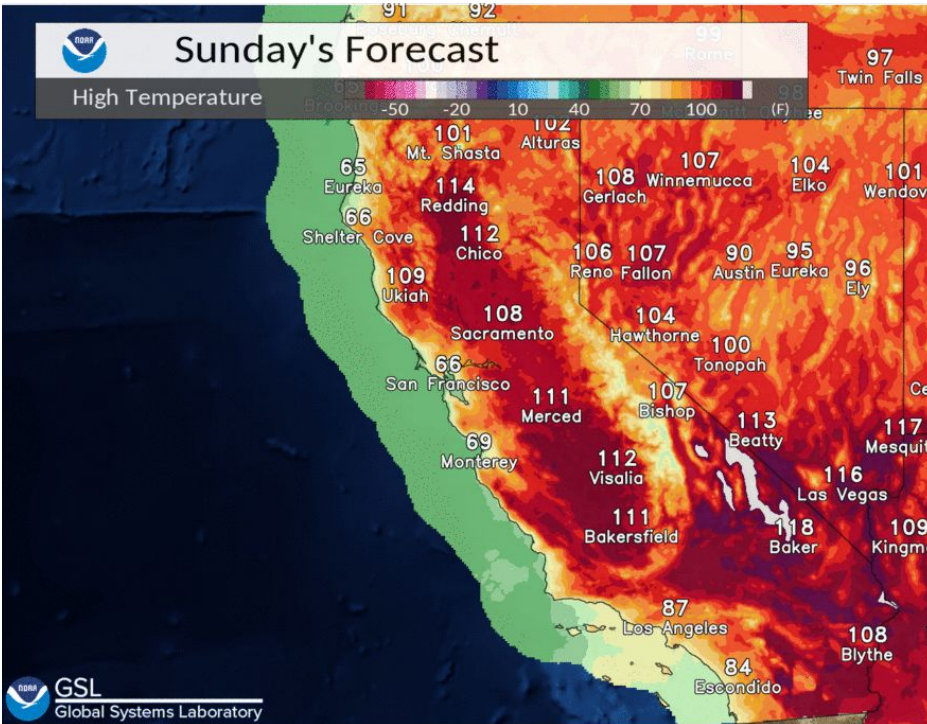
**Tuesday**

**Precipitation (inches)**



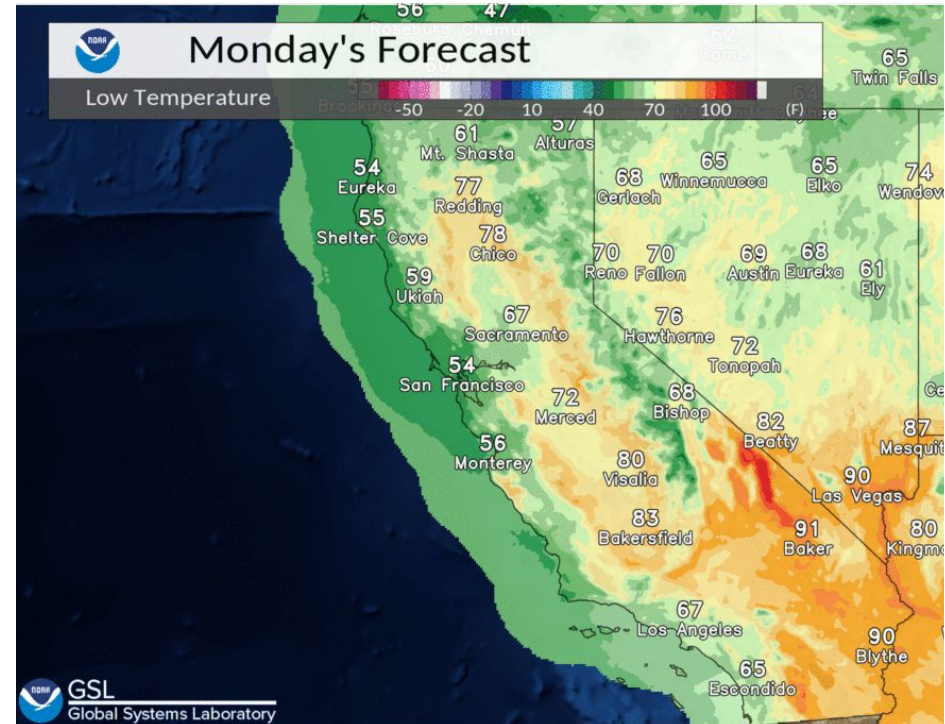
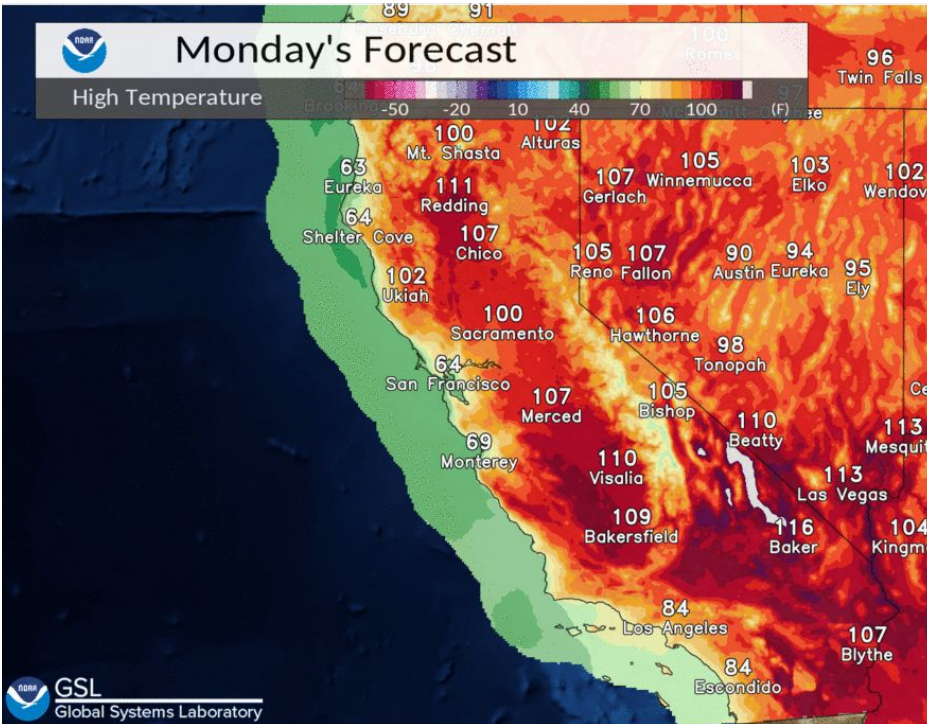
# TEMPERATURE FORECAST

07/11/21



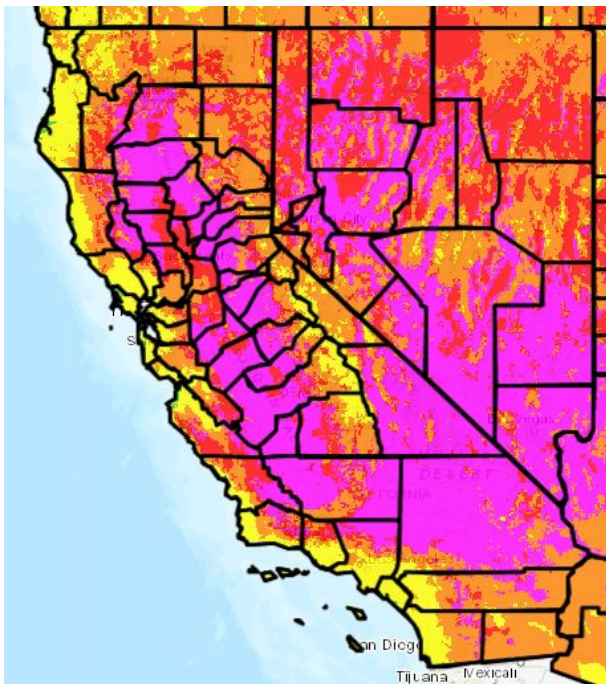
# TEMPERATURE FORECAST

07/12/21

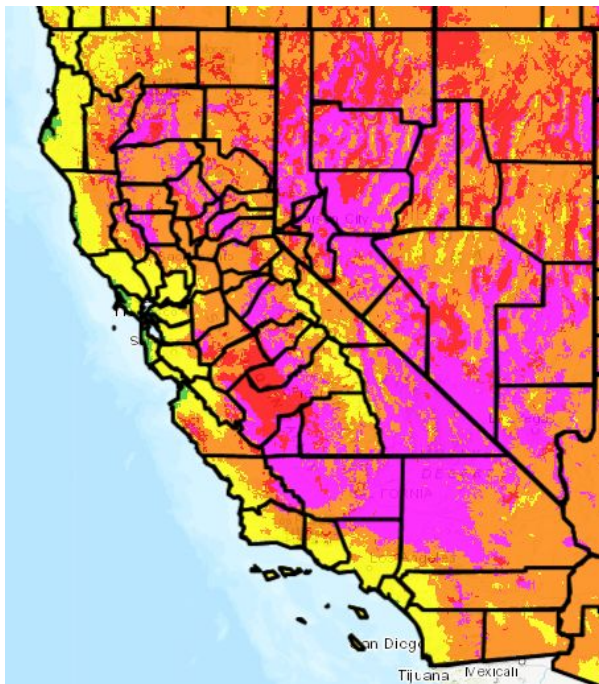


# HEAT RISK FORECAST

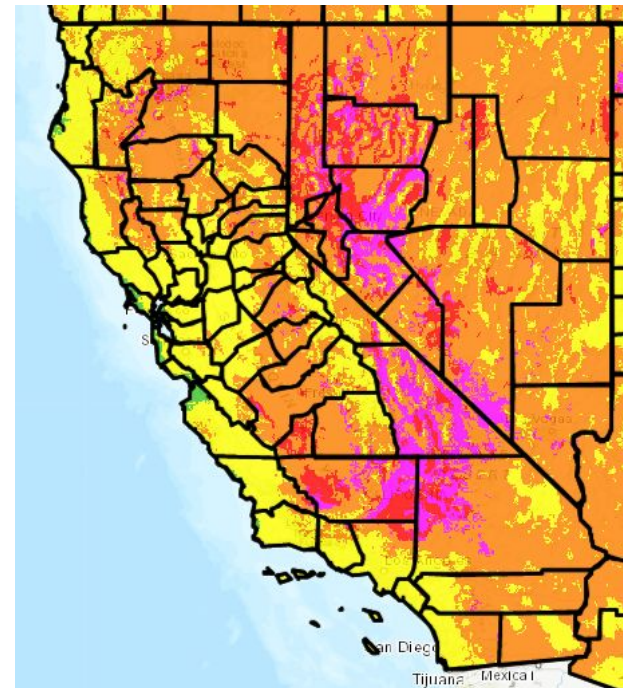
07/11/21 - 07/13/21



**Sunday**



**Monday**



**Tuesday**

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight



# **WEATHER OUTLOOK**

**07/16/21 - 07/24/21**

## **6-10 Day Outlook (July 16 – July 20)**

### **Temperatures**

- Above normal temperatures are favored statewide

### **Precipitation**

- Below normal precipitation is favored for most of the state, except near normal precipitation is favored for southern California

## **8-14 Day Outlook (July 18 – July 24)**

### **Temperatures**

- Above normal temperatures are favored statewide

### **Precipitation**

- Near normal precipitation is favored statewide, except below normal precipitation is favored for far northern California and the northern Sierra



Information provided by:

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